

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A system for digitization of field service engineering work processes in a power plant having a gas turbine, comprising:

at least one processor system having a controller, said at least one processor system receiving power plant data, and said controller controlling said gas turbine;

at least one wireless communications interface device communicatively coupled to said at least one processor system for wirelessly communicating the data received from the power plant by the processor system to at least one of a mobile computer computing system ~~[[and]]~~ or a wireless computer system carried by a mobile user;

said controller capable of receiving instructions from ~~[[the]]~~ at least one of said mobile computer system or said wireless computer system carried by a mobile user to control the gas turbine;

a local area network (LAN) in communication with said at least one interface device;

at least one orbiting satellite antenna assembly having a transceiver system for transmitting and receiving signals from ~~[[the]]~~ said at least one interface device; and

a network server computer system communicatively coupled to said at least one antenna assembly via a ~~wireless~~ wide area communication network, said server computer system including a database for storing application data accessible by the mobile user.

2. (Original) The system of claim 1 wherein said at least one interface device is a wireless access point device, and said computer system carried by said user is a wearable computer.

3. (Original) The system of claim 2 wherein said access point device is capable of communicating the data received from the processor system to the server computer via said LAN.

4. (Original) The system of claim 1 wherein said LAN comprises:
a wireless network; and
a router.

5. (Currently Amended) The system of claim 4 wherein said wireless local area network is linked to said at least one antenna assembly via an internet protocol (IP) data interface.

6. (Currently Amended) The system of claim [[1]] 5 further comprises:
a private branch exchange network (PBX);
a voice over IP (VOIP) gateway coupled to said PBX; and
an ethernet interface coupled said VOIP gateway and said IP data interface.

7. (Original) The system of claim 1 wherein said server system comprises:
at least one router; and

an ATM network communicatively coupled to said at least one router.

8. (Currently Amended) The system of claim 7 further comprises:

a wide area network (WAN) coupled to said at least one router for communicating data from said at least one server system to said antenna assembly via an orbiting satellite.

9. (Original) The system of claim 2 wherein said wireless access point is capable of operating on DC power.

10. (Currently Amended) A field engineering communication network for enabling a field service engineer to control ~~controlling~~ a power plant having a gas turbine, said network comprising:

a controller coupled to said power plant to control the gas turbine; and

at least one wireless communications access point interface communicatively coupled to said controller, said interface communicating wirelessly with at least one of a mobile computing system and a wearable computer carried by a mobile user, said controller receiving instructions from one of said mobile computing system unit and ~~[[the]]~~ a wearable computer carried by a mobile user for controlling said gas turbine.

11. (Currently Amended) The system of claim 10 further comprises:

a local area network(LAN) in communication with said at least one wireless access point interface device;

at least one antenna assembly having a transceiver system for transmitting and receiving signals from the at least one interface device; and

at least one network server computer system communicatively coupled to said at least one antenna assembly via a wireless communication network, said server including a database for storing application data accessible by the mobile user.

12. (Currently Amended) The system of claim [[10]] 11 wherein said LAN comprises:

a wireless network; and

a router.

13. (Currently Amended) The system of claim 12 wherein said wireless network is linked to said at least one antenna assembly via an internet protocol (IP) data interface.

14. (Currently Amended) The system of claim [[10]] 13 further comprises:

a private branch exchange network (PBX);

a voice over IP (VOIP) gateway coupled to said PBX; and

an ethernet interface coupled to said VOIP gateway and said IP data interface.

15. (Currently Amended) The system of claim [[10]] 11 wherein said server computer system comprises:

at least one router;

a packet switching network communicatively coupled to said at least one router;
and

a wide area network (WAN) coupled to said at least one router for
communicating data from said server computer system to said antenna assembly via an
orbiting satellite.

16. (Currently Amended) In a power plant of the type having a gas turbine, a
method of enabling a mobile field service engineer to monitor and control ~~controlling~~ the
power plant by a mobile user comprising:

receiving power plant data by at least one processor system having a controller
for a gas turbine;

forwarding the received data to at least one of a mobile unit and a wearable
computer carried by a mobile user via an interface device;

inspecting the received data to determine power plant operability;

receiving, by the wearable computer via a wireless network, software application
data stored in a remote server; and

instructing the controller to vary the gas turbine power plant operation.

17. (Original) The method of claim 16 further comprises:

forwarding power plant data to a remote user via a wireless communication
network.

18. (Original) The method of claim 17 wherein the power plant operation is varied by varying the operation of the gas turbine.

19. (Original) The method of claim 16 wherein said interface device is a wireless access point.

20. (Original) The method of claim 17 wherein said wireless communication network includes an antenna assembly and an orbiting satellite system.

21. (Original) The method of claim 17 wherein the application data is received by a mobile user.

22. (Original) The method of claim 16 wherein the power plant is controlled from at least the mobile unit and the wearable computer.

Claims 23-28 (Canceled).